

Date Mailed:

Sheet 1 of 5

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 98-017-TAX	Application Number: Not assigned
	Applicant: Mark A. Bakke, et al.	
	Filing Date: Herewith	Group Art Unit: 2782

 JC541 U.S. P1
 09/966263

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>BP</i>	3,130,387	04/21/64	Wright et al.			
	3,699,533	10/17/72	Hunter			
	3,806,888	04/23/74	Brickman et al.			
	3,909,799	09/30/75	Recks et al.			
	3,949,377	04/06/76	O'Neill, Jr.			
	3,976,977	08/24/76	Porter et al.			
	4,021,782	05/03/77	Hoerning			
	4,040,026	08/02/77	Gemelle			
	4,054,951	10/18/77	Jackson et al.			
	4,080,651	03/21/78	Cronshaw et al.			
	4,080,652	03/21/78	Cronshaw et al.			
	4,084,234	04/11/78	Calle et al.			
	4,086,629	04/25/78	Dcsyllas et al.			
	4,110,823	08/29/78	Cronshaw et al.			
	4,123,795	10/31/78	Dean, Jr. et al.			
	4,126,893	11/21/78	Cronshaw et al.			
	4,126,894	11/21/78	Cronshaw et al.			
	4,158,235	06/12/79	Call et al.			
	4,215,400	07/29/80	Denko			
	4,228,501	10/14/80	Frissell			
	4,241,420	12/23/80	Fish et al.			
	4,246,637	01/20/81	Brown et al.			
	4,276,595	06/30/81	Brereton et al.			
	4,298,932	11/03/81	Sams			
	4,310,883	01/12/82	Clifton et al.			
	4,318,184	03/02/82	Millett et al.			
	4,327,408	04/27/82	Frissell et al.			
	4,412,285	10/25/83	Neches et al.			
<i>BP</i>	4,414,644	11/08/83	Taylor			

EXAMINER	<i>[Signature]</i>	DATE CONSIDERED	3/24/04
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*Substitute Disclosure Statement Form (PTO-1449)

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FORM 1449*

INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

98-017-TAX

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4,533,995	08/06/85	Christian et al.			
4,945,429	07/31/90	Munro et al.			
5,131,087	07/14/92	Warr			
5,164,909	11/1992	Leonhardt et al.			
5,214,768	05/25/93	Martin et al.			
5,303,214	04/12/94	Kulakowski et al.			
5,386,516	1/1995	Monahan et al.			
5,388,260	02/07/95	Manahan et al.			
5,412,791	05/02/95	Martin et al.			
5,430,855	07/04/95	Walsh et al.			
5,455,926	10/1995	Keck et al.			
5,475,817	12/12/95	Waldo et al.			
5,504,873	04/02/96	Martin et al.			
5,506,986	04/09/96	Healy			
5,535,322	07/09/96	Hecht			
5,537,585	07/16/96	Blickenstall et al.			
5,546,557	08/13/96	Allen et al.			
5,560,040	09/24/96	Mizumachi			
5,566,331	10/1996	Irwin Jr. et al.			
5,613,154	03/18/97	Burke et al.			
5,619,690	04/08/97	Matsumani et al.			
5,625,405	04/29/97	DuLac et al.			
5,630,067	05/13/97	Kindell et al.			
5,640,510	06/17/97	Hanaoka et al.			
5,664,186	09/02/97	Bennett et al.			
5,671,439	09/23/97	Klein et al.			
5,689,481	11/18/97	Tamura et al.			
5,694,550	12/02/97	Takeda et al.			
5,710,549	01/20/98	Horst et al.			
5,740,362	04/14/98	Buickel et al.			
5,751,715	05/12/98	Chan et al.			

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5,758,050	05/26/98	Brady et al.			
5,758,085	05/25/98	Koucheris et al.			
5,758,125	05/26/98	Misina et al.			
5,802,258	09/01/98	Chen			
5,805,864	9/1998	Carlson et al.			
5,809,285	09/15/98	Hilland			
5,828,836	10/27/98	Westwick et al.			
5,829,046	10/27/98	Tzelnic et al.			
5,829,053	10/27/98	Smith et al.			
5,832,527	11/03/98	Kawaguchi			
5,838,891	11/17/98	Mizuno et al.			
5,845,147	12/01/98	Vishlitzky et al.			
5,867,648	02/02/99	Foth et al.			
5,881,311	3/1999	Woods			
5,884,046	03/16/99	Antonov			
5,890,203	03/30/99	Aoki			
5,960,451	09/29/99	Voigt et al.			
5,963,971	10/05/99	Fosler et al.			
5,996,024	11/1999	Blumcnu			
6,111,944	08/29/2000	Molin			
6,141,729	10/2000	Ishida et al.			

FOREIGN PATENT DOCUMENTS

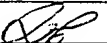

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
1,167,762	22 October 1969	GB					
892798	08 February 1972	CA					
907211	08 August 1972	CA					
1,353,770	22 May 1974	GB					
1,359,662	07 October 1974	GB					
1,496,779	05 January 1978	GB					
1,496,780	05 January 1978	GB					

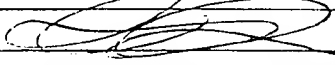
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	1,547,381	20 June 1979	GB				
	2,063,532 B	03 June 1981	GB				
	0 535 922 A2	7 April 1993	EP				
	0 689 125 A	27 Dec 95	EP				
	97 07461 A	27 Feb 97	WO				
	98 40810 A	14 July 92	WO				
	98 33113	30 July 1998	WO				
	4-48250	08 June 1992	JP				
	51-18409	14 February 1976	JP				
	52-106641	07 September 1977	JP				
	53-22331	01 March 1978	JP				
	53-84632	26 July 1978	JP				
	53-98741	29 August 1978	JP				
	53-108747	21 September 1978	JP				
	55-153058	28 November 1980	JP				
	55-164958	23 December 1980	JP				

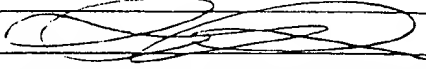
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Richard V. Keele, "Optical Storage: Terabytes On-Line for IBM Mainframes", Data/Ware Development, Inc., pp. 68-71, 1988.
	A.L. Busk et al., "The Storage Server as Virtual Volume Manager", IEEE Symposium on Mass Storage Systems, pp. 79-86, 1993.
	Sam Coleman, Steve Miller, "Mass Storage System Reference Model", Version 4, Developed by the IEEE Technical Committee on Mass Storage Systems and Technology, 38 pages, May 1990.
	J.L. Sloan, B.T. O'Leary, D.L. Kitts and B.L. Irwin, MaSSIVE™. The Mass Storage System IV Enterprise. Proceedings of the IEEE. Vol. 81, No. 4, pp. 621-630, April 1993.
	R. Baird, "Virtual Storage Architecture Guide", IEEE Symposium on Mass Storage Systems, pages 312-326, 1995.
	Garth A. Gibson, "Network Attached Secure Disks (NASD)", ARPA ITO Scalable Systems and Software, pp. 1-24, 5/4/97.
	M. Jander, "Launching Storage-Area Net", Data Communications, US, McGraw Hill, New York, vol. 27, no. 4, 21 March 1998, pp. 64-72.
	B. Christensen, "Building A Storage-Area Network-SANS Boost Performance, Reliability and Scalability of the Critical Link Between Servers and Storage Devices", Data Communications, US, McGraw Hill, New York, vol. 27, no. 6, 21 April 1998, pp. 67-70, 74.
	David Nagle, Garth Gibson, Greg Ganger & Bill Courtright. Networking for Network-Attached Storage. NADS/NSIC Networking Workshop, pp. 1-18, 9/1/98.
	Shared Virtual Storage System, System Description, 1979, pp. 1-14, Masstor Systems Corporation, Sunnyvale, California
	Shared Virtual Storage System, System Overview, 1980, pp. 1-60, Masstor Systems Corporation, Sunnyvale, California
	Digest of Papers, The Gap Between MSS Products and User Requirements, Fourth IEEE Symposium on Mass Storage Systems, April

EXAMINER 	DATE CONSIDERED <u>3/29/09</u>
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15-17, 1980, pp. 1-76, Nat'l Center for Atmospheric Research, Boulder, Colorado
FPEXEC File Processor Executive Program Logic Manual, 10/18/82, p. 1-177, MASSTOR Systems Corp., Sunnyvale, California
WADDELL, J.M. and WAY, D.L., Channel Scheduling By A Control Unit, IBM Technical Disclosure Bulletin, Vol. 17, No. 9, February 1975
LIPTAY, J.S., Structural Aspects of the System/360 Model 85, IBM Systems Journal, pp. 1-14, Vol. 7, No. 1, 1968
MEADE, Robert M., How a cache memory enhances a computer's performance, Electronics, 1-17-72, pp. 58-63
SMITH, Alan Jay, Directions For Memory Hierarchies And Their Components: Research And Development, 1978
CHRISTMAN, R.D., COLLINS, M.W., DEVANEY, M.A., WILLBANKS, E.W., A Network File Storage System, UC-32, 7-81, pp. 1-14
Reference Manual for IBM 3830 Storage Control Model 1 and IBM 3330 Disk Storage, GA26-1592-5, File No. S360/S370-07, pp. 1-101
PORTER, James N., The Disk Drive Industry, IEEE Transactions on Magnetics, Vol. MAG-14, No. 4, July 1978, pp. 149-153
PUTHOFF, S.H., Technical Innovations In Information Storage And Retrieval, IEEE Transactions On Magnetics, Vol. MAG-14, No. 4, July 1978, pp. 143-148
BOGGS, JR., Virtual Input/Output channels For A Digital Computer, IBM Tech. Disc. Bull., Vol. 20, No. 1, June 1977, pp. 110-112
NISHIMUKAI, T., TSUJIOKA, S., KADONO, S., CHIBA, T., Universal IO Device Controller By Using Programmable Logic Arrays, IEEE 1978, pp. 477-480
CHRISTMAN, R.D., COLLINS, M.W., DEVANEY, M.A., WILLBANKS, E.W., A Network File-Storage System, Los Alamos Scientific Laboratory, LA-8887-MS, pp. 1-14
CHORN, G.E., CHRISTMAN, R.D., KLINGNER, C.T., The Standard File Transport Protocol, LA-7388-MS Informal Report UC-32 Issued: August 1978
MITCHELL, Jr., M.J., Diskette Load/Dump Control, IBM Tech. Disc. Bull. Vol. 20, No. 4, 9-1977, pp. 1359-1361
COLLINS, M.W., Mass Storage at LASL, Los Alamos Scientific Laboratory, pp. 95-112
The IBM Mass Memory System, Ampex Corporation, Sunnyvale, CA, pp. 1-30
CRITTENDON, Jr., W.C., Operational Characteristics Of The NCAR Mass Storage Device, pp. 48-50
HOWIE, Jr., H. Robert, More Practical Applications Of Trillion-Bit Mass Storage Systems, Advanced Systems Dept./Ampex Corp., Sunnyvale, CA
Shell Oil Company, Purchase Order No. SH-84378-JI.H, 12-18-78 w/Agreement Between Masstor Systems Corporation and Shell Oil Co. as an attachment
Masstor, MC Series Computer, Specifications
BLOOD, P.M., CHRISTMAN, R.D., COLLINS, M.W., WILLBANKS, E.W., Common File System Specifications, LA-7065-MS, Informal Report, 09-77, pp. 1-15
IBM 3850 Mass Storage System (MSS) Introduction And Preinstallation Planning, GA32-0038-1, File No. S370-07
IBM System/370 Principles of Operation, GA22-7000-8, File No. S370-01
IBM 3850 Mass Storage System (MSS) Principles of Operation: Theory, GA32-0035-1, File No. S370-07

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